



Sheet 1 of 3

FORM PTO-1177 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		010548	10/005,104
		APPLICANT	
		Bjerke et al	
DATE MAILED: October 25, 2005		FILING DATE	GROUP
		December 3, 2001	2637

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
QG	A1	6 3 0 7 8 8 2	10/23/2001	Marzette	375	224	
	A2						
	A3						
	A4						
	A5						
	A6						

## U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

*EXAMINER INITIAL		PUBLICATION NUMBER	PUB. DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	B1						
	B2						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	C1						
	C2						
	C3						
	C4						
	C5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

QG	D1	Choi et al "Concatenated Space-Time Block Coded And Turbo Coded Symbol-By-Symbol Adaptive OFDM and Multi-Carrier CDMA Systems" IEEE (June 2001)
QG	D2	Keller et al "Adaptive Modulation Techniques for Duplex OFDM Transmission" IEEE, Vol. 49, No. 5 (September 2000)
QG	D3	Golden et al "Detection algorithm and initial laboratory results using V-BLAST space-time communication architecture" Electronics Letters Vol. 35, No. 1 (January 7, 1999)
EXAMINER		DATE CONSIDERED
		3/28/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 010548	SERIAL NO. 10/005,104
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Bjerke et al	
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	A1					
	A2					
	A3					
	A4					
	A5					
	A6					

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QG	D4	Ariyavisitakul, "Turbo Space-Time Processing To Improve Wireless Channel Capacity" IEEE, Vol. 48, No. 8 (August 2000)
QG	D5	Stefanov et al "Turbo-Coded Modulation for Systems With Transmit And Receive Antenna Diversity Over Block Fading Channels: System Model, Decoding Approaches, and Practical Considerations" IEEE, Vol. 19, No. 5 (May 2001)
QG	D6	Benedetto et al "Serial Concatenation of Interleaved Codes: Performance Analysis, Design and Iterative Decoding" IEEE, Vol. 44, No. 3 (May 1998)
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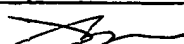
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	C1						
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	C3						
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	C5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

CG	D7	Ten Brink, Stephan " Iterative Demapping and Decoding For Multilevel Modulation" IEEE (1998)
CG	D8	Tarokh et al "Combined Array Processing And Space-Time Coding" IEEE Vol. 45, No. 4 (May 1999)
CG	D9	Bahl et al "Optimal Decoding of Linear Codes for Minimizing Symbol Error Rate" IEEE (March 1974)
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